

Requested Patent: EP1169632A1

Title: OPTICAL AUTOFOCUS FOR USE WITH MICROTITER PLATES ;

Abstracted Patent: WO0046590 ;

Publication Date: 2000-08-10 ;

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Applicant(s): BIOMETRIC IMAGING INC (US) ;

Application Number: WO1999US09699 19990503 ;

Priority Number(s): US19990245782 19990205 ;

IPC Classification: G01N21/55 ;

Equivalents:

ABSTRACT:

A method and apparatus for autofocus on a target layer contained within a microplate well is provided. The instrument is capable of optically sensing a reference point on the underside of a microplate (55). This reference point is then used to focus light (11) onto a target layer within the microplate well, the target layer having a location that is in defined relation to the reference point. The reference point is either a surface (53) of the bottom of the microplate well or is an optically detectable mark (154) on the underside of the microplate (55). In an alternate embodiment, a light position sensitive detector (140) is used to enable deterministic autofocus for a plurality of wells on a microplate (55).



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A 01 N 47/36

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29.08.84 Patentblatt 84/35

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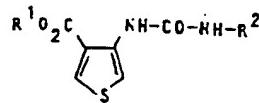
(84) Benannte Vertragsstaaten:
DE FR GB IT

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(54) Thiophen-carbonester, Verfahren zu ihrer Herstellung und ihre Verwendung zur Bekämpfung unerwünschten Pflanzenwuchses.

(57) Die Erfindung betrifft Thiophen-carbonester der Formel



in der

R¹ Wasserstoff, Alkyl, Alkenyl, Alkinyl, Halogenalkyl, Alkoxyalkyl, Alkythioalkyl, Cycloalkyl, gegebenenfalls substituiertes Phenyl oder Benzyl und

R² Alkyl, Alkenyl, Alkinyl, gegebenenfalls substituiertes Phenylalkyl, Halogenalkyl, Alkoxyalkyl, Alkylthioalkyl, Alkylaminoalkyl, Dialkylaminoalkyl, Cycloalkyl oder gegebenenfalls substituiertes Phenyl bedeuten,

Verfahren zur ihrer Herstellung und ihre Verwendung zur Bekämpfung unerwünschten Pflanzenwuchses.

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reaction of 4-amino-thiophene-3- carboxylic acid ester(s) with isocyanate(s)

Patent Assignee: BASF AG (BADI)

Inventor: ACKER R D; ROSSY P A; WUERZER B

Number of Countries: 004 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Main IPC	Week
DE 3305866	A	19840823	DE 3305866	A	19830219		198435 B
EP 116932	A	19840829	EP 84101466	A	19840213		198435

Priority Applications (No Kind Date): DE 3305866 A 19830219

Cited Patents: DE 2040579; DE 2122636; EP 90309; US 2453564; US 3931204

Patent Details:

Patent Kind Lan Pg Filing Notes Application Patent

DE 3305866 A 27

EP 116932 A G

Designated States (Regional): DE FR GB IT

Abstract (Basic): DE 3305866 A

Cpd.s. of formula (I) are new. In (I) R1=H, 1-10C alkyl, 2-10C alkenyl, 2-10C alkynyl, 1-10C haloalkyl, 2-10C alkoxyalkyl, 2-10C alkylthioalkyl, 3-7C cycloalkyl, phenyl(opt. subst) by or benzyl (opt. subst); R2=1-10C alkyl, 2-10C alkenyl, 2-10C alkynyl, 8-10C phenylalkyl, 1-10C haloalkyl, 2-10C alkoxyalkyl, 2-10C alkylthioalkyl, 3-7C cycloalkyl, phenyl (opt. subst) or benzyl (opt. subst.).

USE - As selective herbicides in a wide range of crop plants. Application may be pre- or post-emergence and is generally at a rate of 0.1-5 kg/ha or more, pref. 0.5-3 kg/ha.

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Derwent Class: C02

International Patent Class (Additional): A01N-047/36; C07D-333/38

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DIALOG(R)File 351:DERWENT WPI

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WPI Accession No: 80-71933C EP 16371 EP A 19801001 198041

1-(1-Methyl-4-oxo-2-imidazolinyl)-3-thienyl-urea derivs. - useful as anxiolytics of low toxicity without muscle relaxing and sedating effects

Patent Assignee: HOFFMANN-LA ROCHE AG (HOFF)

Inventor: HUNKELER W; KYBURZ E

Number of Countries: 016 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Main IPC	Week
EP 16371	A	19801001					198041 B
NO 8000720	A	19801006					198044
DK 8001087	A	19801013					198045
JP 55124770	A	19800926					198045
FI 8000559	A	19801031					198048
PT 70949	A	19810306					198113
ZA 8001347	A	19810203					198117

Priority Applications (No Kind Date): CH 80171 A 19800110; CH 792415 A 19790314

Cited Patents: DE 2448869; US 3983135; US 4025517

Patent Details:

Patent Kind Lan Pg Filing Notes Application Patent

EP 16371 A G

Designated States (Regional): AT BE CH DE FR GB IT LU NL SE

Abstract (Basic): EP 16371 A

Urea derivs. of formula (I) and isocyanatothiophene derivs. of formula (II) are new: (R is 2-thienyl, 3-thienyl or 5-halo-3-thienyl; R1 is H or halogen).

(I) are pharmaceuticals esp. useful as anxiolytics of very low toxicity.
(I) have a very selective anxiolytic effect without possessing the muscle

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